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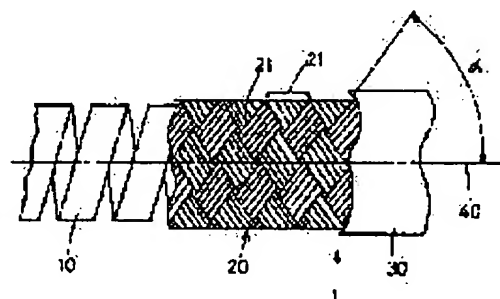
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(54) MESH-LIKE TUBE FOR FLEXIBLE TUBE OF ENDOSCOPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a mesh-like tube for a flexible tube of an endoscope which has a higher bonding strength with a skin and moreover, is bendable smoothly when assembled into the flexible tube.

SOLUTION: The outer circumference of a spiral pipe 10 is covered with a mesh-like tube 20 formed by braiding in strand bundles 21 in which a plurality of filaments are arranged in parallel with the width of a strand larger than the thickness of the strand and the shape of the cross section thereof flat. The mesh-like tube 20 composes a flexible tube 1 of an endoscope by covering the outer circumference thereof with a flexible skin 30 made of a synthetic resin. In work with the angle of braiding of 45°-65°, braiding density of 0.78-0.90 and the frequency of braiding of 16 in bundle, when the width of the strand of the mesh-shaped tube 20 is represented by A, the number (n) of braids held per the average braiding diameter D of the mesh-like tube 20 is in a range of $0.087D/A < n < 0.192D/A$.



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